

Manhole Inspection Summary

Manhole # S45MM_014MH

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Inspection Is Incomplete Rating: **3) Fair**

Record Plat: **45MM** Node: **014** Status: **Found**

Insp Date: **3/24/08 1:03 PM**

Incomplete Comments

Crew: **jl, ct**
Inspector: **Provine, D**
Firm: **JV**

Location Address: **Chester**

Cross Street: **North**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **Complete**

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame

Offset: **2** (in.)

Condition: Sound

Cracked

Leaks

Chimney / Frame Adjustment

Exists Material: **Brick**

Parged Height: **9** (in.)

Condition: Sound

Cracked

Root Intrusion

Loose Brick

Deteriorated

Infiltration: None

Joint

Cracks

Mortar

Roots

Wall

Corbel

Material: **Brick**

Parged

Type: **Concentric/Eccentric**

Condition: Sound

Cracked

Root Intrusion

Loose Brick

Deteriorated

Infiltration: None

Joint

Cracks

Mortar

Roots

Wall

Barrel

Material: **Brick**

Parged

Shape: **Circular**

Diameter: **42** (in.) Length: (in.)

Condition: Sound

Cracked

Root Intrusion

Loose Brick

Deteriorated

Infiltration: None

Joint

Cracks

Mortar

Roots

Wall

Bench

Exists Material: **Brick**

Parged

Condition: Sound

Cracked

Root Intrusion

Deteriorated

Leaks

Debris

Channel

Material: **Brick**

Parged

Channel Exposure: **Fully Open**

Junc Dist: **0**

nearest .5 ft. Azimuth:

Condition: Sound

Cracked

Root Intrusion

Deteriorated

Leaks

Debris

Steps

Count: **4**

Missing: **2**

Corroded

Surcharge

Evidence Of Surcharge

Depth: (ft.)

Active Surcharge Present

Location View



Top View



Defect 2



frame leaks

Defect 1



Frame offset

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18 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **16.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **9.40** (ft.) Flow Characteristics: **Turbulent**
Deposits: None Mud Sludge Debris Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**
 Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **8.80** (ft.) Flow Characteristics: **None**
Deposits: None Mud Sludge Debris Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**
 Possible Illicit Connection

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12 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock



Pipe Height: **13.2** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **9.00** (ft.) Flow Characteristics: **Turbulent**

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection
